ABSTRACT OF THE DISCLOSURE

Compounds of the formula

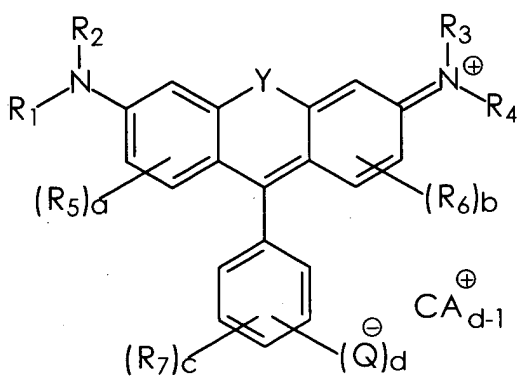$$\left[\begin{array}{c} \text{structure with } R_2, R_3, R_1, R_4, Y, (R_5)_a, (R_6)_b, (R_7)_c, (Q)_d, CA^{\oplus}_{d-1} \end{array} \right]_z \quad M \quad z\,A^{\ominus}$$
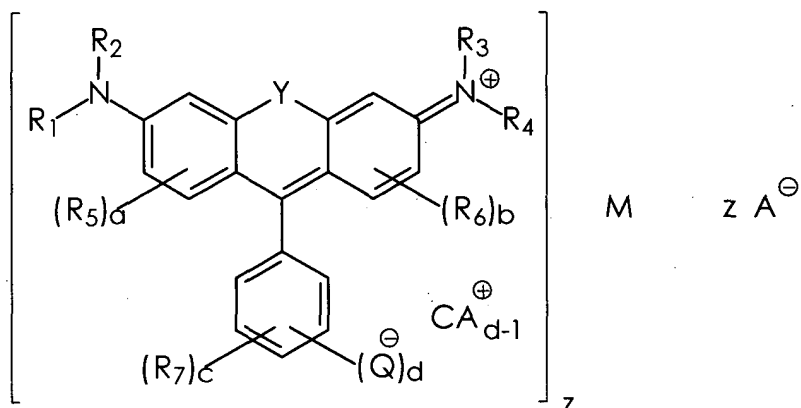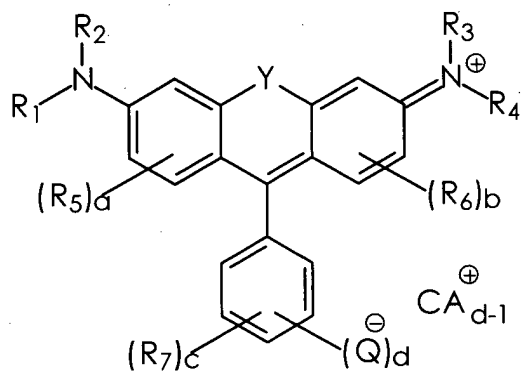
wherein M is either (1) a metal ion having a positive charge of +y wherein y is an integer which is at least 2, said metal ion being capable of forming a compound with at least two
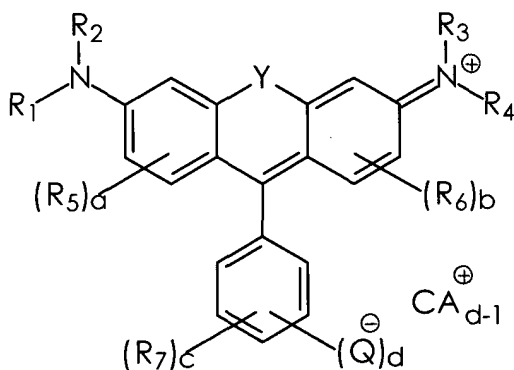
chromogen moieties, or (2) a metal-containing moiety capable of forming a compound with at least two

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chromogen moieties, z is an integer representing the number of

chromogen moieties associated with the metal and is at least 2, and R_1, R_2, R_3, R_4, R_5, R_6, R_7, a, b, c, d, Y, Q^-, A, and CA are as defined herein.